

Preliminary Classification:

Proposed Class:

Subclass:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Takaya Yoshikawa; Nobutuki Hotta; Shinya Murakoshi; Hiroyuki Suzuki

For (title): GLOW PLUG AND METHOD OF MANUFACTURING THE SAME

1. Type of Application

This application is for an original (non-provisional).

EXPRESS MAILING UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory.)

(Express Mail certification is optional)

I hereby certify that this paper, along with any document referred to, is being deposited with the United States Postal Service on this date **January 23, 2004** in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 as "Express Mail Post Office to Addressee" Mailing Label No. **ER 556406005 US**.

Christine Goellner

Type or print name of person mailing paper

Date: January 23, 2004

Signature of person certifying

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2. Papers Enclosed

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

41 Page(s) of Specification
4 Page(s) of Claims
11 Sheet(s) of Drawing(s)--Formal

B. Other Papers Enclosed

1 Page(s) of abstract

3. Additional Papers Enclosed

Information Disclosure Statement (37 C.F.R. § 1.98)

Form PTO-1449 (PTO/SB/08A and 08B)

Citations (4)

4. Declaration or Oath

Not Enclosed. Application is made by a person authorized under 37 C.F.R. § 1.41(c) on behalf of all of the above-named inventors.

5. Inventorship Statement

The inventorship for all the claims in this application is the same.

6. Language

English

7. Assignment

An assignment of the invention to NGK Spark Plug Co., Ltd. *will follow*.

8. Certified Copy

Certified copies of applications:

<u>Country</u>	<u>Application Number</u>	<u>Filed</u>
JAPAN	2003-019577	January 28, 2003
JAPAN	2003-373860	November 04, 2003

from which priority is claimed *are attached*.

9. Fee Calculation (37 C.F.R. § 1.16)

Regular Application

CLAIMS AS FILED										
Basic Fee 37 C.F.R. § 1.16(a) \$770.00										
Number Filed			Number Extra			Rate				
<hr/>										
Total										
Claims (37 C.F.R § 1.16(c))										
9	-	20	=	0	x	\$	18.00	=	\$	0.00
<hr/>										
Independent										
Claims (37 C.F.R § 1.16(b))										
2	-	3	=	0	x	\$	86.00	=	\$	0.00
<hr/>										
Multiple Dependent Claim(s), if any (37 C.F.R § 1.16(d))										
						\$	290.00	\$	0.00	

Filing Fee Calculation

\$770.00

10. Fee Payment Being Made at This Time

Enclosed

Filing Fee

\$770.00

Total Fees Enclosed

\$770.00

11. Method of Payment of Fees

Authorization is hereby made to charge the amount of **\$770.00** to credit card as shown on the attached credit card information authorization form PTO-2038. Charge any additional fees required by this paper or credit any overpayment to our Deposit Account No. 50-0537. A duplicate of this paper is attached.

12. Authorization to Charge Additional Fees

The Office is hereby authorized to charge, in the manner shown above, the following additional fees that may be required by this paper and during the entire pendency of this application.

37 C.F.R. § 1.16(a), (f) or (g) (filing fees)

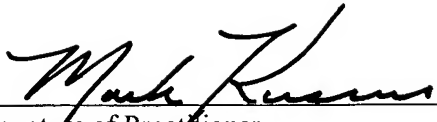
37 C.F.R. § 1.16(b), (c) or (d) (presentation of extra claims)

13. Instructions as to Overpayment

Credit Account No. 50-0537.

Date: January 23, 2004

Reg. No.: 31,115
Tel. No.: 440-684-1090
Customer No.: 22203



Signature of Practitioner

Mark Kusner
KUSNER & JAFFE
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Highland Place - Suite 310
Highland Heights, OH 44143



22203

PATENT TRADEMARK OFFICE